

Rec'd PCT/STO 25 MAY 2005

3/9/1

DIALOG(R) File 351:Derwent WPI
(c) 2005 Thomson Derwent. All rts. reserv.

013187863

WPI Acc No: 2000-359736/200031

XRAM Acc No: C00-109001

Rubber composition comprising isobutylene block copolymer and butyl rubber, useful as wire insulating compound, material for preparation of

interior trims, exterior trim parts, and domestic appliance parts

Patent Assignee: KANEKA CORP (KANF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000119478	A	20000425	JP 98289674	A	19981012	200031 B

Priority Applications (No Type Date): JP 98289674 A 19981012

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000119478	A		9	C08L-053/00	

JP 2000119478 A

Abstract (Basic): JP 2000119478 A

NOVELTY - A rubber composition (I) comprising:

(A) isobutylene block copolymer composed of (A1) polymer block mainly composed of isobutylene unit and (A2) polymer block not containing isobutylene block 100 parts by weight ; and

(B) butylrubber 5-230 parts by weight.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included

for a

rubber composition (II) comprising (A) 100 parts by weight, (B) 5-230 parts by weight and one or more of (C) filler, (D) antioxidant or

(E)

UV-light absorber.

USE - (I) and (II) are useful as wire insulating compound, building

material, civil engineering material, molding material for preparation

of exterior trim parts, interior trims, electrical and electronic instrument parts, domestic appliance parts, medical apparatuses, etc.

ADVANTAGE - (I) and (II) have good flexibility, mechanical properties, moldability, fabricability, barrier properties toward gas

and steam, (I) and (II) have good compatibility with plasticizer. pp; 9 DwgNo 0/0

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred (A): composed of (A1)

50-95

wt% and (A2) (preferably aromatic vinyl polymer) 50-5 wt%; more preferable (A) is starlike polymer having arms composed of triblock copolymer of aromatic vinyl polymer block-isobutylene polymer block-aromatic vinyl polymer block etc or diblock copolymer of aromatic

vinyl polymer block-isobutylene polymer block (claimed).

Preferred (B): one or more of butyl rubber, chlorinated butyl rubber or brominated butyl rubber, Mn of (B) is 50,000 (optimally

100,000) or more(claimed).

Title Terms: RUBBER; COMPOSITION; COMPRISE; ISOBUTYLENE; BLOCK;
COPOLYMER;

BUTYL; RUBBER; USEFUL; WIRE; INSULATE; COMPOUND; MATERIAL;
PREPARATION;

INTERIOR; TRIM; EXTERIOR; TRIM; PART; DOMESTIC; APPLIANCE; PART

Derwent Class: A12; A17; A85; A95

International Patent Class (Main): C08L-053/00

International Patent Class (Additional): C08K-003/00; C08L-023/22;
C08L-023/28

File Segment: CPI

Manual Codes (CPI/A-N): A04-C01; A04-G05A; A07-A02C; A12-E02; A12-T04

Polymer Indexing (PS):

<01>

001 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58
D84
; H0011-R; H0044-R H0011; H0124-R; K9449; P1150

002 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58
D84
; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53 D58
D76
D88; H0022 H0011; H0066 H0044 H0011; H0124-R; K9449; P1150 ;
P1741

003 018; ND04; K9449; Q9999 Q7352 Q7330; Q9999 Q7374-R Q7330; Q9999
Q6826-R; Q9999 Q9234 Q9212; Q9999 Q9289 Q9212; Q9999 Q7330-R;
Q9999
Q7681-R; Q9999 Q7987-R; B9999 B4035 B3930 B3838 B3747; B9999
B3747-R; B9999 B3623 B3554; B9999 B3418-R B3372; B9999 B5094
B4977
B4740; B9999 B3907 B3838 B3747; B9999 B4171 B4091 B3838 B3747;
K9745-R; B9999 B4864 B4853 B4740

004 018; B9999 B5107-R; B4977 B4740

005 018; A999 A544 A486; K9869 K9847 K9790

006 018; A999 A497 A486

007 018; A999 A237

<02>

001 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58
D84
; R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85; H0022
H0011; H0124-R; K9449; P1150 ; P0328 ; P0431

002 018; ND04; K9449; Q9999 Q7352 Q7330; Q9999 Q7374-R Q7330; Q9999
Q6826-R; Q9999 Q9234 Q9212; Q9999 Q9289 Q9212; Q9999 Q7330-R;
Q9999
Q7681-R; Q9999 Q7987-R; B9999 B4035 B3930 B3838 B3747; B9999
B3747-R; B9999 B3623 B3554; B9999 B3418-R B3372; B9999 B5094
B4977
B4740; B9999 B3907 B3838 B3747; B9999 B4171 B4091 B3838 B3747;
K9745-R; B9999 B4864 B4853 B4740

003 018; B9999 B5094 B4977 B4740

004 018; A999 A544 A486; K9869 K9847 K9790

005 018; A999 A497 A486

006 018; A999 A237

<03>

001 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58
D84
; R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85; H0022
H0011; H0124-R; M9999 M2244 M2222; K9449; P1150 ; P0328 ; P0431

002 018; ND04; K9449; Q9999 Q7352 Q7330; Q9999 Q7374-R Q7330; Q9999
 Q6826-R; Q9999 Q9234 Q9212; Q9999 Q9289 Q9212; Q9999 Q7330-R;
 Q9999
 Q7681-R; Q9999 Q7987-R; B9999 B4035 B3930 B3838 B3747; B9999
 B3747-R; B9999 B3623 B3554; B9999 B3418-R B3372; B9999 B5094
 B4977
 B4740; B9999 B3907 B3838 B3747; B9999 B4171 B4091 B3838 B3747;
 K9745-R; B9999 B4864 B4853 B4740
 003 018; B9999 B5094 B4977 B4740
 004 018; C1 7A; H0157
 005 018; A999 A544 A486; K9869 K9847 K9790
 006 018; A999 A497 A486
 007 018; A999 A237
 <04>
 001 018; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58
 D84
 ; R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85; H0022
 H0011; H0124-R; M9999 M2233 M2222; K9449; P1150 ; P0328 ; P0431
 002 018; ND04; K9449; Q9999 Q7352 Q7330; Q9999 Q7374-R Q7330; Q9999
 Q6826-R; Q9999 Q9234 Q9212; Q9999 Q9289 Q9212; Q9999 Q7330-R;
 Q9999
 Q7681-R; Q9999 Q7987-R; B9999 B4035 B3930 B3838 B3747; B9999
 B3747-R; B9999 B3623 B3554; B9999 B3418-R B3372; B9999 B5094
 B4977
 B4740; B9999 B3907 B3838 B3747; B9999 B4171 B4091 B3838 B3747;
 K9745-R; B9999 B4864 B4853 B4740; B9999 B5094 B4977 B4740
 003 018; Br 7A; H0157
 004 018; A999 A237
 005 018; A999 A497 A486
 006 018; A999 A544 A486; K9869 K9847 K9790
 ?